

CERTIFICATE OF WATER ANALYSIS
 COTTER CORPORATION
 P.O. BOX 751
 CANON CITY, COLORADO 81212

| LOG NO. | DATE | WATER DEPTH BELOW MP | TEMP. C | PH | UMHD CM COND. | MG/L | | | | | | | PC/L | | | | |
|---------|------|----------------------|---------|-----|---------------|-------|-------|-------|--------|----|-----|-----|------|-------|-------|-------|-------|
| | | | | | | U | MO | V | SE | CL | SO4 | CO3 | TDS | RA226 | TH230 | PB210 | PO210 |
| 0106 | 9/21 | NA | 18.0 | 8.6 | 1850 | <0.05 | <0.05 | <0.05 | <0.005 | 65 | 840 | 90 | 1700 | 0.4 | 0.0 | 0.0 | 0.6 |
| 0111 | 9/30 | NA | 16.0 | 6.4 | 550 | <0.05 | <0.05 | <0.05 | <0.005 | 11 | 54 | <10 | 190 | 0.2 | 0.0 | 0.0 | 0.9 |
| 0114 | 9/18 | NA | 15.0 | NA | 400 | <0.05 | <0.05 | <0.05 | <0.005 | 13 | 62 | <10 | 410 | 0.2 | 0.4 | 0.8 | 0.8 |
| 0117 | 9/18 | NA | 17.0 | 7.2 | 680 | 0.08 | 0.5 | <0.05 | <0.005 | 15 | 130 | <10 | 470 | 0.3 | 0.4 | 1.7 | 0.9 |
| 0119 | 9/18 | 7.2 | 17.0 | NA | 350 | <0.05 | 0.27 | <0.05 | <0.005 | 9 | 34 | <10 | 330 | 0.5 | 1.2 | 2.0 | 0.4 |
| 0120 | 9/18 | 0.5 | 16.0 | NA | 600 | <0.05 | 0.07 | <0.05 | <0.005 | 35 | 61 | <10 | 530 | 0.7 | 0.6 | 0.5 | 0.3 |
| 0122 | 9/18 | NA | 17.0 | NA | 520 | 0.18 | 0.5 | <0.05 | <0.005 | 20 | 90 | <10 | 450 | 0.2 | 1.4 | 3.2 | 1.2 |
| 0123 | 9/07 | NA | 15.5 | 7.6 | 600 | <0.05 | 0.20 | <0.05 | <0.005 | 14 | 47 | <10 | 350 | 0.3 | 1.4 | 0.7 | 0.4 |
| 0124 | 9/07 | NA | 15.5 | 6.9 | 650 | 0.13 | 0.6 | <0.05 | <0.005 | 18 | 96 | <10 | 420 | <0.1 | 1.0 | 1.6 | 1.3 |
| 0129 | 9/18 | NA | 16.0 | 7.3 | 495 | 0.05 | 0.5 | <0.05 | <0.005 | 15 | 100 | <10 | 430 | 0.2 | 0.9 | 3.2 | 0.7 |
| 0137 | 9/19 | 26.0 | 15.0 | NA | 455 | <0.05 | <0.05 | <0.05 | <0.005 | 25 | 96 | <10 | 470 | 0.1 | 0.1 | 0.9 | 0.7 |
| 0138 | 9/21 | NA | 18.0 | 7.2 | 920 | 0.36 | 4.0 | <0.05 | 0.007 | 30 | 300 | <10 | 780 | 0.1 | 2.9 | 44 | 0.9 |
| 0139 | 9/18 | 26.4 | 18.0 | NA | 395 | 0.10 | 0.6 | <0.05 | <0.005 | 15 | 140 | <10 | 470 | 0.1 | 0.4 | 0.7 | 0.4 |
| 0140 | 9/18 | 28.0 | 16.0 | NA | 360 | 0.13 | 0.7 | <0.05 | <0.005 | 13 | 73 | <10 | 360 | 0.1 | 1.4 | 2.0 | 0.9 |
| 0141 | 9/21 | NA | 17.0 | 7.6 | 1600 | <0.05 | 0.06 | <0.05 | <0.005 | 42 | 440 | <10 | 1300 | 0.2 | 0.4 | 1.8 | 0.5 |

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TOM MCDOWELL, JR.
 MARK CURREY
 DEAN HERRERA

REPORT NO. 09-82

ANALYSTS

MIKE KRAUTH, MIKE GOFF
 DENNIS HULSEY, LARRY SWOPE
 EDA INSTRUMENTS, INC.

20847

821180035 821104
 PDR WASTE
 WM-22
 PDR

DATE 11/03/82
 REPORT FOR MONTH OF SEP 1982

CERTIFICATE OF WATER ANALYSIS
 COTTER CORPORATION
 P.O. BOX 751
 CANON CITY, COLORADO 81212

PAGE 2
 TIME 13:24:51
 PROGRAM - LAB017

| LOC NO. | DATE | WATER DEPTH BELOW MP | TEMP. C | PH | UMHO CM COND. | MG/L | | | | | FCI/L | | | | | | |
|---------|------|----------------------|---------|-----|---------------|-------|-------|-------|--------|-----|-------|-----|------|--------|-------|-------|-------|
| | | | | | | U | MO | V | SE | CL | SO4 | CO3 | TDS | TRA226 | TH230 | PB210 | FO210 |
| 0344 | 9/18 | 13.8 | 16.0 | 7.5 | 550 | 0.07 | 0.5 | <0.05 | <0.005 | 15 | 130 | <10 | 500 | 0.2 | 0.6 | 1.9 | 1.0 |
| 0303 | 9/18 | NA | 17.0 | NA | 5000 | 6.1 | 40.6 | <0.05 | 0.217 | 320 | 4500 | <10 | 8200 | <0.1 | 43 | 53 | 2.8 |
| 0312 | 9/20 | 12.3 | 16.0 | 7.9 | 5200 | 4.9 | 24.8 | <0.05 | 0.164 | 230 | 3700 | <10 | 6800 | 0.5 | 33 | 18 | 1.9 |
| 0313 | 9/20 | 12.2 | 18.0 | 7.8 | 6000 | 5.9 | 36.2 | <0.05 | 0.172 | 240 | 4500 | <10 | 8100 | 0.6 | | 24 | 2.5 |
| 0314 | 9/20 | 17.9 | 16.0 | 7.4 | 880 | 0.06 | 0.17 | <0.05 | <0.005 | 20 | 460 | <10 | 850 | 0.9 | 1.0 | 1.4 | 0.9 |
| 0315 | 9/23 | NA | 17.0 | 9.9 | 800 | <0.05 | 0.5 | <0.05 | <0.005 | 20 | 90 | 320 | 560 | <0.1 | 0.0 | 0.1 | 1.1 |
| 0316 | 9/23 | NA | 16.0 | 9.1 | 850 | <0.05 | <0.05 | <0.05 | <0.005 | 23 | 210 | 120 | 630 | 0.1 | 0.2 | 0.0 | 0.8 |
| 0317 | 9/23 | NA | 17.0 | 9.8 | 3250 | <0.05 | <0.05 | <0.05 | <0.005 | 19 | 2200 | 180 | 3500 | 0.7 | 0.0 | 0.0 | 1.6 |
| 0324 | 9/24 | NA | 18.0 | 6.2 | 820 | <0.05 | 0.07 | <0.05 | <0.005 | 33 | 250 | <10 | 670 | 7.5 | 0.0 | 0.8 | <0.1 |
| 0325 | 9/21 | NA | 16.0 | 6.8 | 2650 | <0.05 | <0.05 | <0.05 | 0.161 | 100 | 1600 | <10 | 3400 | 0.8 | 0.0 | 0.0 | 0.4 |
| 0328 | 9/23 | NA | 18.0 | 9.6 | 1150 | <0.05 | <0.05 | <0.05 | <0.005 | 66 | 13 | 160 | 780 | 0.1 | 0.0 | 0.0 | 0.6 |
| 0329 | 9/20 | 20.6 | 17.0 | 7.4 | 1750 | 0.16 | 0.05 | <0.05 | 0.020 | 120 | 1100 | <10 | 2200 | 2.8 | 2.2 | 2.5 | 0.7 |
| 0330 | 9/07 | NA | 16.0 | 7.0 | 6000 | 4.4 | 21.5 | <0.05 | 0.034 | 250 | 4000 | <10 | 7400 | <0.1 | 56 | 39 | 0.4 |
| 0331 | 9/20 | 24.0 | 16.0 | 7.6 | 4700 | 4.1 | 25.7 | <0.05 | 0.090 | 250 | 3700 | <10 | 6500 | 0.3 | 16 | 28 | 1.8 |
| 0333 | 9/04 | 42.10 | 15.0 | 6.9 | 3850 | 5.8 | 11.6 | <0.05 | 0.087 | 250 | 2400 | <10 | 4700 | 0.2 | 34 | 44 | 1.7 |

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| LOC NO. | DATE | WATER DEPTH BELOW MP | TEMP. C | PH | UMHO CM COND. | MG/L | | | | | | | PCI/L | | | | |
|---------|------|----------------------|---------|-----|---------------|-------|-------|-------|--------|-----|-------|-----|-------|------|-------|-------|-------|
| | | | | | | T | U | MO | V | SE | CL | SO4 | CO3 | TDS | TR226 | TH230 | FB210 |
| 0333 | 9/04 | NA | 15.0 | 6.9 | 6850 | 5.7 | 11.6 | <0.05 | 0.087 | 250 | 2400 | <10 | 4700 | 0.15 | 35 | 32 | 2.3 |
| 0334 | 9/24 | NA | 16.0 | 6.6 | 880 | <0.05 | <0.05 | <0.05 | <0.005 | 33 | 360 | <10 | 820 | 0.9 | 0.6 | 0.0 | 0.6 |
| 0335 | 9/24 | NA | 16.0 | 6.4 | 1460 | <0.05 | <0.05 | <0.05 | <0.005 | 26 | 890 | <10 | 1500 | 1.8 | 0.8 | 4.3 | 1.0 |
| 0337 | 9/07 | NA7 | 18.0 | 6.8 | 6900 | <0.05 | <0.05 | <0.05 | 0.100 | 180 | 2100 | <10 | 3900 | 1.0 | 0.0 | 2.7 | 0.03 |
| 0338 | 9/20 | 32.8 | 15.0 | 6.7 | 1850 | <0.05 | <0.05 | <0.05 | 0.095 | 75 | 1300 | <10 | 2600 | 0.1 | 0.0 | 0.7 | 0.8 |
| 0339 | 9/22 | NA | 19.0 | 5.5 | 7500 | <0.05 | <0.05 | <0.05 | 0.076 | 52 | 7500 | <10 | 11000 | <0.1 | 0.0 | 0.0 | <0.1 |
| 0340 | 9/20 | 27.7 | 17.0 | 7.4 | 3150 | 4.5 | 8.4 | <0.05 | 0.123 | 230 | 2000 | <10 | 4000 | 0.2 | 26 | 26 | 2.1 |
| 0341 | 9/20 | 25.6 | 16.0 | 7.8 | 1400 | <0.05 | 0.22 | <0.05 | <0.005 | 59 | 660 | <10 | 1300 | 0.4 | 0.0 | 1.2 | 1.0 |
| 0502 | 9/05 | NA | 20.0 | 6.7 | 190 | <0.05 | <0.05 | <0.05 | <0.005 | 8 | 40 | <10 | 110 | 0.3 | 0.8 | 0.6 | 0.7 |
| 0504 | 9/05 | NA | 18.0 | 6.7 | 235 | <0.05 | <0.05 | <0.05 | <0.005 | 10 | 39 | <10 | 150 | 0.2 | 0.4 | 0.0 | 1.0 |
| 0505 | 9/15 | NA | 17.0 | 6.8 | 900 | 1.2 | 2.7 | 0.06 | 0.026 | 82 | 760 | <10 | 1500 | 4.1 | 6.7 | 8.8 | 3.0 |
| 0505 | 9/29 | NA | 19.0 | 7.4 | 1150 | 0.61 | 2.3 | 0.07 | <0.005 | 67 | 560 | <10 | 1100 | 1.9 | 3.9 | 2.1 | 2.4 |
| 0519 | 9/20 | NA | 18.0 | 8.6 | 3200 | <0.05 | <0.05 | <0.05 | <0.005 | 19 | 17 | 460 | 2400 | 0.2 | 0.0 | 0.0 | 1.7 |
| 0528 | 9/15 | NA | 16.0 | 6.8 | 2400 | 11 | 7.3 | 1.02 | 0.077 | 46 | 1200 | <10 | 2800 | 35.8 | 82 | 101 | 3.3 |
| 0701 | 9/14 | NA | 19.5 | 6.6 | 24500 | 97 | 176 | 0.05 | <0.5 | 920 | 26000 | <10 | 43000 | <0.1 | 590 | 760 | 5.0 |

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| LBC NO. | DATE | WATER DEPTH BELOW MP | TEMP. C | PH | UMHD CM COND. | MG/L | | | | | | | | | | | |
|------------|------|-------------------------------|------------|-----|---------------------|------|------|-------|-------|------|-------|-----|-------|--------|-------|-------|-------|
| | | | | | | U | MO | V | SE | CL | SO4 | CO3 | TDS | IRA226 | TH230 | FB210 | PO210 |
| 0701 | 9/29 | NA | 17.0 | 7.0 | 20500 | 106 | 235 | 0.5 | <0.5 | 1200 | 26000 | <10 | 43000 | 1.0 | 500 | 191 | 6.1 |
| 0702 | 9/14 | NA | 18.0 | 7.8 | 16500 | 35 | 105 | 0.09 | <0.5 | 420 | 13000 | <10 | 21000 | 17.0 | 200 | 248 | 6.4 |
| 0710 | 9/15 | NA | 15.5 | 7.2 | 7000 | 0.84 | 0.5 | <0.05 | 1.04 | 1600 | 2900 | <10 | 8000 | 0.2 | 5.0 | 3.0 | 1.3 |
| 0711 | 9/29 | NA | 17.0 | 6.8 | 5500 | 0.84 | 0.5 | <0.05 | 1.01 | 1600 | 2000 | <10 | 7900 | 0.4 | 0.6 | 1.1 | 0.4 |
| 0712 | 9/15 | NA | 16.0 | 7.3 | 9500 | 10 | 27.9 | 0.13 | 0.764 | 780 | 5400 | <10 | 12000 | <0.1 | 66 | 74 | 1.5 |
| 0712 | 9/29 | NA | 16.0 | 6.9 | 7000 | 10 | 33.5 | 0.10 | 0.731 | 840 | 5600 | <10 | 12000 | 70.1 | 57 | 28 | 1.1 |
| 0714 | 9/15 | NA | 17.0 | 7.5 | 4800 | 4 | 11.2 | <0.05 | 0.136 | 280 | 2900 | <10 | 5400 | <0.1 | 31 | 23 | 1.2 |
| 0714 | 9/29 | NA | 18.0 | 6.9 | 4100 | 4.3 | 12.9 | 0.12 | 0.023 | 290 | 2900 | <10 | 5500 | <0.1 | 22 | 13 | 0.7 |
| 0715 | 9/15 | NA | 16.0 | 7.7 | 2750 | 2.7 | 3.0 | <0.05 | 0.090 | 170 | 1400 | <10 | 2800 | <0.1 | 10 | 21 | 0.7 |
| 0715 | 9/29 | NA | 17.0 | 6.7 | 2050 | 2.6 | 3.3 | <0.05 | 0.101 | 170 | 1400 | <10 | 2900 | 0.2 | 12 | 3.6 | 1.3 |
| 0716 | 9/15 | NA | 18.0 | 7.7 | 2400 | 1.4 | 1.5 | <0.05 | 0.062 | 120 | 1200 | <10 | 2500 | 0.2 | 10 | 6.6 | 0.8 |
| 0716 | 9/29 | NA | 18.0 | 7.1 | 2100 | 1.4 | 1.7 | <0.05 | 0.059 | 130 | 1200 | <10 | 2500 | 0.4 | 7.9 | 5.4 | 0.6 |

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